

MOCREO[®]
H6Pro-LS3 Thermo-Hygrometer Sensor Kit
User Manual

Introduction

H6Pro-LS3 Kit — Your Smart Temperature & Humidity Monitoring System

Track environmental changes in real-time and receive instant alerts wherever you are.

Includes:

LS3 Sensor — A high-precision LoRa sensor that monitors both temperature and humidity with long-range wireless stability.

H6Pro Hub — A versatile gateway that supports Bluetooth LE and LoRa sensors, connecting them to the MOCREO app while providing a soft night light.

How the System Works

- The **LS3 Sensor** sends real-time temperature and humidity data to the H6Pro Hub via LoRa protocol (Long range, up to 2000 ft Line-of-Sight).
- The **H6Pro Hub** uploads the data to MOCREO Cloud via 2.4GHz Wi-Fi.

Users can access the monitoring data anytime through the MOCREO Smart App.

What's in the Box

LS3 Sensor × 3
H6Pro Hub × 1
User Manual

Product Parameter

LS3 Sensor

Specifications

Model	LS3
Wireless Connection	LoRa
Communication Range	Up to 2000 ft (Line-of-Sight)
Dimensions	4.17 × 2.22 × 0.83 in
Weight	3.4 oz
Battery	3 × AAA Batteries (Replaceable)
Operating Temperature Range	32°F to 140°F (0°C to 60°C)
Temperature Accuracy	±0.54°F (±0.3°C)
Operating Humidity Range	0 - 80% (Non-condensing)
Humidity Accuracy	±3%RH (Typ.)

LS3 Sensor Button Functions

Function	Button Operation	Indicator Light Behavior
Enter Setup	Press and hold for 3s, then release	The blue light is flashing
Restore Factory Settings and Restart	Press and hold for more than 15s, then release	The red LED stays on when pressed for 10s, and turns off at 15s
Report Data Now	Press the button once	The blue light flashes once

Note: Pressing "Restore to Factory Settings and Restart" will reset the sensor to its factory defaults. You'll need to add the sensor again using the app. Only perform this action if necessary.

H6Pro Hub

Specifications

Model	H6Pro
Wireless Protocols	Wi-Fi 2.4GHz, LoRa, BLE
Dimensions	3.5 × 2.0 × 1.8 in
Weight	2.47 oz (70 g)
Night Light	Max 1W
Operating Voltage	110V - 240V AC
Operating Temperature	32°F to 104°F (0°C to 40°C)
Physical Button	1
Buzzer	90dB@1ft (0.3m)

H6Pro Hub LED Status Indicator

Status	LED Behavior
Normal Operation	Breathing Purple
Hub Offline	Breathing Red
Wi-Fi Setup Mode	Breathing Blue
No Power / Power Issue	Off

Mounting

Setup

- Download MOCREO Smart App**

Google Play App Store MOCREO Smart App Scan and Download

- Power up your H6Pro Hub**

Plug in your H6Pro Hub. The light turns on.

- Open the app to add the H6Pro Hub first, then add the LS3 Sensor**

Customer Service

<https://doc.mocreo.com/>

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help@mocreo.com

YouTube MOCREO

Search [MOCREO] on YouTube to watch the setup video tutorials.

FCC ID (LS3 Sensor): 2BFZL-LS1 (Shared certification)
FCC ID (H6Pro Hub): 2BFZL-HSLT (Shared certification)

v1.0

